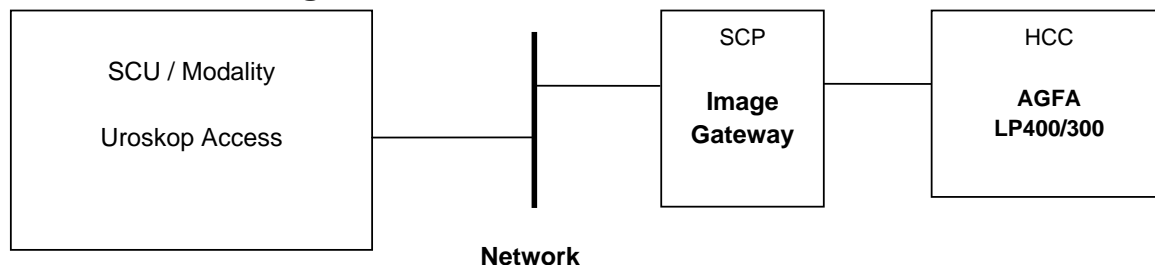


Product:	Uroskop Access
Title:	Specific Hardcopy Camera Information for AGFA LP 400/300 with Image Gateway
Affected systems:	Image System ASPIA
Replaces:	n.a.

1 General Information

1.1 Block Diagram



1.2 Available Film Sizes

Application			Film Type	Medium Type
14"x17"	Portrait	yes	Scopix LT2B	blue based
	Landscape	yes		
14"x14"	Portrait	n.a.	n.a.	n.a.
	Landscape	n.a.		
11"x14"	Portrait	yes	Scopix LT2B	blue based
	Landscape	yes		
8"x10"	Portrait	yes	Scopix LT2B	blue based
	Landscape	yes		
others		n.a.	n.a.	n.a.

yes - Film size is available and released
 no - Film size is available but not released
 n.a. - Film size is not available

1.3 Restrictions

The error/warning message for "PRINTER INIT / WARMING UP and PRINTER OFFLINE" is "Camera ready".
 The error/warning message for "NO RECEIVE MGZ" is "Camera is offline".

For HCC-independent restrictions, see also the general restrictions in the document Uroskop Access, General Hardcopy Information.

2 Modality SW Configurations / Parameters

Refer to: Uroskop Access, General Hardcopy Camera Information.

<u>Application Entity Properties</u>	Display		Changes allowed yes/no
AE Title	LP400		Yes
Port Number	104		No
Supported DICOM Services	Print		No
<u>HC Device / General Settings</u>		Display	Changes allowed yes/no
Type		DICOM printer	No
Class (Printer Spec File Name)		sterlinglp300400	No
DICOM Node		LP400	Yes
<u>Filming Properties</u>		Display	Changes allowed yes/no
Hold Printed Film Jobs		10	Yes
Min. Density		0.20	Yes
Pixel Size [1/1000 mm]	for sterlinglp300400	82 x 82	No
Film Sheet Formats, Portrait	Number of pixels [columns x rows]	14x17 inches 4096x4976 11x14 inches 1610x2048 8x10 inches 2496x3000	In "define new" Do not modify/add Select only Delete only
Film Sheet Formats, Landscape	Number of pixels [columns x rows]	11x14 inches 4168x3124 8x10 inches 2048x1600	In "define new" Do not modify/add Select only Delete only
Medium Type		blue film	Yes
Film Destination		processor	No
Color Appearance		monochrome	No
Background		black	Yes
Transformation		no magnification	No
Note: Do not modify and/or add film sizes. Do not modify pixel sizes. Delete film sizes that are not available at customer site.			

4 Hardcopy Camera, Configuration

4.1 Identification

Device Type:	DICOM Print Server (SCP)	Printer
Manufacturer / Device Name:	AGFA / Image Gateway (SID)	AGFA / LP400
HW Revision	n.a.	n.a.
SW Revision:	2.8.2	2.8.2
Image Memory:	32MB	Minimum 24MB for Page Mode
Hard Disk:	1GB	n.a.
Number of Operating Panels:	1	1
No./Type of Input:	1 Dig./ 1 Analog	1
No./Type of Output:	1	
Physical Network Interface:	Ethernet / UTP / SUBD-15Pin / BNC	n.a.
Network Protocol:	TCP / IP	n.a.
DICOM Conformance Statement:	Revision D4.2 – Okt.1998	n.a.

4.2 SCP / Printer Settings (provided by AGFA)

File name	Content	Remarks
CONTRL_RECORD	remote_host_alias =ANY calling_AE_tit =ANY called_AE_title =ANY packing_mode =0 f_use_private_elements =no f_send_event_reports =no f_allow_annotation_box_SOP_class =yes f_allow_print_job_SOP_class =yes association_timeout = -1	"LINX LP 400" DICOM-specific parameters
CAMERA_RECORD	camera_net_id = 96100492 camera_node_id = 3 camera_id = 1 camera_subtype = HD25 Laser camera_device_name = LINX LP 400 camera_mode = standard camera_added = yes camera_priority = normal camera_f_image_text = no camera_border_color = 102 camera_border_size_inside = 0 camera_border_size_outside = 0	"LINX LP 400" camera-specific parameters
	camera_border_size_top = 0 camera_border_layout = group camera_copies = 1 camera_filmtid_film_type = 1 camera_filmtid_name = Blue camera_film_size = 14X17 camera_film_layout = portrait camera_format = 51 0 0 0 0 0	
	camera_overlay1_text_filename = inactive camera_overlay2_text_filename = inactive	

Specific Agfa LP 400/300 with Image Gateway Information

	camera_overlay3_text_filename = inactive camera_overlay4_text_filename = inactive camera_dmin = 0 camera_dmax = 58 camera_brightness = 0 camera_contrast = 5 camera_density = 25 camera_polarity = 1 camera_magnification_factor = normal camera_lut_code = 7 camera_image_trim = off camera_f_rotation = no camera_filtertd_filter_code = 0 camera_filtertd_name = sharp camera_custom_lut_filename = inactive MENU_RECORD camera_menu_name = inactive camera_menu_value = inactive	For LT 2B film
--	---	----------------

Note: Maximum number of associations supported: 2

4.3 Error and Warning Messages

See DCS of Printer (SCP) and Modality (SCU)

Printer (SCP) defined message	Displayed message at modality (SCU)
WARMING UP / PRINTER INIT	Camera ready
PRINTER OFFLINE	Camera ready
SUPPLY EMPTY	Camera out of film
SUPPLY LOW	Film supply low
NO RECEIVE MGZ	Camera offline
PRINTER DOWN	Camera down

No other errors or warnings have been tested.

5 Image Quality and Optical Density

5.1 Reference Film and LUT

Released Film Type	Scopix LT2B	Blue-based medium type
--------------------	-------------	------------------------

Refer to: Uroskop Access, General Hardcopy Camera Information.

5.2 Real Size Scaling

n.a.

6 Abbreviations

DCS	DICOM Conformance Statement
DICOM	Digital Imaging and Communication in Medicine
HW / SW	Hardware / Software
HCC	Hardcopy Camera
LUT	Look Up Table
OEM	Original Equipment Manufacturer
SCP	Service Class Provider
SCU	Service Class User
TCP/IP	Transfer Control Protocol / Internet Protocol

7 Changes to Previous Version

n.a.

© Siemens AG 2003

The reproduction, transmission or use of this document or its contents is not permitted without express written authority. Offenders will be liable for damages. All rights, including rights created by patent grant or registration of a utility model or design, are reserved.

Document revision level

The document corresponds to the version/revision level effective at the time of system delivery. Revisions to hardcopy documentation are not automatically distributed.

Please contact your local Siemens office to order current revision levels.

Disclaimer

The installation and service of equipment described herein is to be performed by qualified personnel who are employed by Siemens or one of its affiliates or who are otherwise authorized by Siemens or one of its affiliates to provide such services.

Assemblers and other persons who are not employed by or otherwise directly affiliated with or authorized by Siemens or one of its affiliates are directed to contact one of the local offices of Siemens or one of its affiliates before attempting installation or service procedures.